

Title (en)  
A FOLDING WEATHER PROTECTION MODULE AND A METHOD FOR ITS SETTING UP

Title (de)  
KLAPPBARES WITTERUNGSSCHUTZMODUL UND AUFBAUVERFAHREN DAFÜR

Title (fr)  
MODULE DE PROTECTION CONTRE LE TEMPS PLIABLE ET PROCEDE DE MONTAGE ASSOCIE

Publication  
**EP 1745185 B1 20110706 (EN)**

Application  
**EP 05740397 A 20050506**

Priority  
• SE 2005000655 W 20050506  
• SE 0401190 A 20040506

Abstract (en)  
[origin: WO2005108715A1] The present invention relates to a folding weather protection module, consisting of a frame part (1) and a cover part (2). The frame part comprises a number of frame arches (3, 4, 5) with side sections (7, 8) and roof sections (6) and braces and stays (12, 13, 29, 30) extending between the frame arches, which frame arches are located a distance apart in weatherprotecting state. The braces and stays consist of a combination of telescopic diagonal braces (12, 13) and folding stays (29, 30). Each diagonal brace is attached at its ends to two adjacent frame arches, in such a way that it can fold. The diagonal braces are telescopic so that their length can be changed, and each of the folding stays is attached at its ends to two of the frame arches, in such a way that it can fold, and has a folding joint (39, 40) with a stable end position in the unfolded state. When the weather protection module is in the folded state, the diagonal braces and the folding stays enable the frame arches to be parallel to each other and close together and, in the unfolded state, they hold the frame arches a predetermined distance apart with the diagonal braces locked in the extended position and the folding stays in their stable end position.

IPC 8 full level  
**E04H 1/12** (2006.01); **E04H 15/52** (2006.01); **E04H 15/58** (2006.01)

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CPC (source: EP SE)  
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Citation (examination)  
• US 5263507 A 19931123 - CHUANG CHING-PAO [TW]  
• AT 6563 U1 20031229 - EXPOTRADE GROUP HANDELSGES M B [AT]  
• US 4649947 A 19870317 - TURY KEITH A [US], et al  
• US 2008029143 A1 20080207 - YOON KERN SIK [KR]

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FR3086315A1; WO2020064508A1

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DOCDB simple family (publication)  
**WO 2005108715 A1 20051117**; AT E515610 T1 20110715; DK 1745185 T3 20111024; EP 1745185 A1 20070124; EP 1745185 B1 20110706; EP 1745185 B9 20120222; PL 1745185 T3 20120131; SE 0401190 D0 20040506; SE 0401190 L 20051107; SE 527076 C2 20051220

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